

## **ABSTRACT**

A system for making computing applications aware of business events. The system can consist of an enterprise integration layer that automatically publishes business events and a messaging system that automatically subscribes to business events and makes the computing applications aware of the business events. The enterprise integration layer can include a set of client access interfaces, a business object server, and a set of adapters. The interfaces transform data from the format of a front-office application to a common data format. The business object server performs object assembly and disassembly, caching and synchronization, and service invocation functions. The adapters transform business objects into data requests compatible with a back-office system. The enterprise integration layer can also include an enterprise object model to standardize business objects, a rules engine to define and store rules regarding data and events, and a business event repository to contain definitions of business events.